

bus cable for ET connection M8, assembled on both ends with 2x M8 connectors angled, 4-pole, shielded length 0.3 m



Figure similar

| General information | |
|---|--|
| Product description | Flexible cable (4-core), preassembled at both ends with 2x M8 plugs, angled, 4-pin, shielded |
| Suitability for use | for connecting ET-CONNECTION nodes (e.g. SIMATIC ET 200AL) in degree of protection IP65 / 67 |
| Degree and class of protection | |
| Degree of protection acc. to EN 60529 | |
| • IP65 | Yes |
| • IP67 | Yes |
| Ambient conditions | |
| Ambient temperature during assembly, min. | -30 °C |
| Ambient temperature during assembly, max. | 80 °C |
| Ambient temperature during storage/transportation | |
| • min. | -40 °C |
| • max. | 80 °C |
| Cables | |

| | |
|--|---|
| Cable designation | 2Y(ST)CY 1x4x0.5/1.0-100-GN |
| Design of shield | Overlapped aluminum-clad foil, sheathed in a braid of tin-plated copper wires |
| Cable length | 0.3 m |
| Number of electrical cores | 4 |
| Outer diameter of inner conductor | 0.5 mm |
| Outer diameter of core insulation | 1 mm |
| Outer diameter of cable sheath | 5 mm |
| Number of bending cycles | 1 000 000; Cable carrier compliant for 1 million bending cycles with a bending radius of 100 mm, a speed of 4 m/s and an acceleration of 4 m/s ² |
| Permissible bending radius, single bend, min. | 20 mm |
| Permissible bending radius, multiple bends, min. | 40 mm |
| Bending radius for continuous bending | 100 mm |
| Color of cable sheath | green |
| Color of core insulation of data cores | white / yellow / blue / orange |
| Weight per length | 34 kg/km |

Mechanics/material

| | |
|-----------------------------|------------------------|
| Outgoing feeder type | 90 degree cable outlet |
| Material of housing | metal |
| Material of cable sheath | PVC |
| Material of core insulation | PE |
| Material property | |
| • Halogen-free | No |
| • Silicone-free | Yes |

last modified: 02/05/2020